

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) A powdered material, the binder phase of ~~which consisting of~~ the powdered material comprising a cement-based system that has the capacity, following saturation with a liquid reacting with the binder phase, to hydrate to a chemically bonded ceramic material, ~~characterised in that it is in the form of~~ the powdered material comprising granules of powder particles, which granules exhibit a degree of compaction above 55 % and a mean size of 30-250 μm .
2. (currently amended) A powdered material according to claim 1, ~~characterised in that~~ wherein said granules exhibit a degree of compaction above 60 %, ~~preferably above 65 % and even more preferred above 70 %.~~
3. (currently amended) A powdered material according to claim 1 ~~characterised in that~~ wherein said granules exhibit a mean size of at least 50 μm and ~~, preferably at least 70 μm , but 200 μm at the most, preferably 150 μm at the most.~~

4. (currently amended) A powdered material according to claim 1, ~~characterised in that~~ wherein said powder particles exhibit a maximal particle size less than 20 μm , ~~preferably less than 10 μm .~~

5. (currently amended) A powdered material according to claim 1, ~~characterised in that~~ wherein the cement-based system comprises cement in the group that consists of aluminates, silicates, phosphates, sulphates and combinations thereof, ~~preferably~~ having cations in the group that consists of Ca, Sr and Ba.

6. (currently amended) A powdered material according to claim 1, ~~characterised in that~~ wherein the granules also comprise up to 50 %, ~~preferably 10-40 % and even more preferred 20-35 %~~ of one or more additives that exhibit a refractive index in visible light that deviates 15 % at the most, ~~preferably 10 % at the most and even more preferred 5 % at the most~~ from the refractive index of the hydrated binder phase.

7. (currently amended) A powdered material according to claim 6, ~~characterised in that~~ wherein,

said additive ~~consists of~~ comprises glass particles, ~~and preferably particles of silicate glass,~~

said additive ~~preferably containing~~ contains an atom type with a density above 5 g/cm^3 , ~~preferably heavy metals from V and upwards in the periodic system and even more preferred Ba, Sr, Zr, La, Eu, Ta and/or Zn.~~

8. (currently amended) A powdered material according to claim 6, ~~characterised in that~~ wherein said additives comprise a glass phase that exhibits the capacity following saturation with a liquid reacting with the binder phase to hydrate to a chemically bonded ceramic material.

9. (currently amended) A powdered material according to claim 1, further comprising a non-compacted additive material ~~characterised in that said granules exist in a composition that comprises up to 50 %, preferably 5-30 % and even more preferred 10-20 % non pre-compacted powdered material, preferably of the same cement-based system as the powdered material in the granules.~~

10. (currently amended) A powdered material according to claim 9, ~~characterised in that the non pre-compacted powdered~~ wherein the additive material exhibits a maximal particle size smaller than $20 \text{ }\mu\text{m}$, ~~preferably smaller than $15 \text{ }\mu\text{m}$ and even more preferred smaller than $10 \text{ }\mu\text{m}$.~~

11. (currently amended) A powdered material according to claim 9, ~~characterised in that the non-pre-compacted powdered wherein the additive material comprise up to 40 %, preferably 5-30 % and even more preferred 10-20 % of a filler material, preferably a filler material in the form of plates, fibres or whiskers, that increases the strength and preferably exhibits a refractive index in visible light that deviates 15 % at the most, preferably 10 % at the most and even more preferred 5 % at the most from the refractive index of the hydrated binder phase.~~

12. (currently amended) A raw compact, ~~characterised in that it is composed of a powdered material according to claim 1 and in that it has an average degree of compaction above 55 %, preferably above 60 %, even more preferred above 65 % and most preferred above 70 %.~~

13. (currently amended) Method in connection with the manufacturing of a ceramic material from a powdered material, the binder phase of ~~which consisting of the powdered material comprising~~ a cement-based system that has the capacity, following saturation with a liquid reacting with the binder phase, to hydrate to a chemically bonded ceramic material, ~~characterised in that comprising the steps of:~~

compacting said powdered material ~~is compacted~~ to a degree of compaction above 55 %, and

where after said compaction, ~~it is~~ finely dividing the compacted powdered material ~~divided~~ into granules of powder particles, which granules exhibit a mean size of 30-250 μm .

14. (cancelled).

15. (currently amended) Method according to claim 13, ~~characterised in that~~ comprising the further step of mixing said granules ~~are mixed~~ with up to 50 %, ~~preferably 5-30 % and even more preferred 10-20 % non-pre-compacted~~ non-compacted powdered material of the same cement-based system ~~as the powdered material in the granules.~~

16. (currently amended) Method according to claim 13, ~~characterized in that the~~ wherein said compacting step compacts said powdered material ~~is compacted to a raw compact that exhibits an average degree of compaction above 55 %, preferably above 60 %, even more preferred above 65 % and most preferred above 70 %.~~

17. (currently amended) Method according to claim 13, ~~characterised in that the~~ wherein,
prior to said compacting step, said powdered material
is suspended in a liquid that reacts with the binder phase to
result in a suspension/paste material,

draining the suspension/paste material,
said compacting step is performed ~~where~~ after the
draining of the resulting suspension/paste ~~is drained~~ and
compacted before the drained suspension/material material ~~is~~
~~allowed to harden~~ hardens by reaction between the binder phase
and any remaining liquid ~~remaining~~, which compaction step is
preferably done to a degree of compaction above 55 %, ~~preferably~~
~~above 60 %, even more preferred above 65 % and most preferred~~
~~above 70 %.~~

18. (currently amended) Method according to claim 13,
~~characterised in that~~ comprising the further steps of:

distributing a liquid that reacts with the binder phase
~~is distributed in said granules~~ to form a paste; and

applying the paste to fill a space of a further
component

~~, where after a resulting paste is applied in a space~~
~~that is to be filled with the ceramic material.~~

19. (currently amended) Method according to claim 18,
~~characterised in that the liquid is supplied to said granules,~~
~~which~~ wherein,

after said distributing step, said granules are
thereafter pressed together by rolling, kneading or hand
pressing, to [[a]] form the paste, and ~~that is applied by~~

said applying step includes packing or squirting the paste in the space that is to be filled~~with the ceramic material.~~

20. (currently amended) Method according to claim ~~[[13]]~~ 17, ~~characterised in that~~ wherein said liquid ~~that reacts with the binder phase~~ comprises water and accelerator, dispersant and/or superplasticizer.

21. (currently amended) A device (10,20) for storing granules of a powdered material as defined in claim 1 and for mixing ~~[[it]]~~ the powdered material with a hydration liquid, ~~characterised in that~~ said device comprising: ~~comprises~~

a first chamber (1) that holds said granules ~~according to claim 1~~, and

a second chamber (2) that holds said hydration liquid reacting with the binder phase, and

an openable seal (3,6) between the chambers (1,2).

22. (currently amended) A device according to claim 21, ~~characterised in that~~ wherein there is a greater pressure in the second chamber (2) than in the first chamber (1).

23. (currently amended) A device according to claim 21, ~~characterised in that~~ wherein at least the first chamber (1)

has walls (4) of a wall material that allows for processing of the powdered material through the walls (4).

24. (new) A powdered material according to claim 1, wherein said granules exhibit a degree of compaction above 70 %.

25. (new) A powdered material according to claim 7, wherein said glass particles comprise silicate glass.

26. (new) A powdered material according to claim 7, wherein said atom is at least one of Ba, Sr, Zr, La, Eu, Ta and Zn.